

BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92.

DRAFT TENDER SCHEDULE

Name of the Work: Improvements of Roads and Drains at HMT Layout, Thindlu, Virupakshapura and surrounding area in Ward No. 09 (Vidyaranyapura).

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	1111.16	Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5 m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods etc complete as per specifications and directions of engineer in charge of the work	Cum	243.88	Rupees Two Hundred Forty Three And Paise Eighty Eight Only
2	110.10	Providing and laying Plain cement concrete of mix 1:3:6 with OPC cement @ 220kgs, with crushed 40mm and down size graded granite metal coarse aggregates @0.84cum and fine aggregates @ 0.56cum, in foundation mechanically mixed, placed in foundation and compacted by vibration including curing for 14 days etc complete as per specifications and directions of engineer in charge of the work	cum	5421.90	Rupees Five Thousand Four Hundred Twenty One And Paise Ninety Only
3	37.80	Providing and constructing granite / trap / basalt size stone masonry in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing etc complete as per specifications and directions of engineer in charge of the work	cum	5811.98	Rupees Five Thousand Eight Hundred Eleven And Paise Ninety Eight Only
4	20.40	Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.69 cum and fine aggregates @ 0.459cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, for coping. Including cost of all materials, labour, HOM of machinery, curing etc complete as per specifications and directions of engineer in charge of the work	cum	5599.98	Rupees Five Thousand Five Hundred Ninety Nine And Paise Ninety Eight Only
5	72.00	Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. – do – cement mortar 1:4 etc complete as per specifications and directions of engineer in charge of the work	sqm	~~149.46~~ 102.82	Rupees One Hundred Two And Paise Eighty Two Only
6	206.01	Providing laying plain / reinforced cement concrete for side drains using M 20 nominal mix concrete with OPC at 300 kgs with 20 mm and down size granite metal coarse aggregates at 0.69 cum and fine aggregates at 0.43 cum machine mixed well compacted for walls and bottom including centering shuttering form work etc. complete as per approved drawing and design MORTH Specification No. 1500,1700,2200 Wall & Bottom thickness 15cm etc complete as per specifications and directions of engineer in charge of the work	Cum	7070.20	Rupees Seven Thousand Seventy And Paise Twenty Only
7	12.36	Providing T.M.T steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. TMT bars Fe 500 etc complete as per specifications and directions of engineer in charge of the work	Tonne	72326.98	Rupees Seventy Two Thousand Three Hundred Twenty Six And Paise Ninety Eight Only

Sl. No.	Quantity.	Description	Unit	Rates	
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8	58.60 ~~588.60~~	Providing precast slab of 100mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Sqm	2337.00	Rupees Two Thousand Three Hundred Thirty Seven Only
9	58.50	Providing precast slab of 250mm thick including cost of all materials, labour, curing, transportation, loading unloading, etc., complete as per the direction of engineer in charge	Sqm	5418.00	Rupees Five Thousand Four Hundred Eighteen Only
10	1453	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation etc complete as per specifications and directions of engineer in charge of the work	No	432.48	Rupees Four Hundred Thirty Two And Paise Forty Eight Only
11	261.60	Providing and applying ready mix priming coat over concrete / masonry / asbestos cement sheet / plastered surfaces including preparing the surface after thoroughly cleaning of oil, grease, dirt and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	39.22	Rupees Thirty Nine And Paise Twenty Two Only
12	261.60	Providing and applying spray painting in two coats (excluding priming coat) over concrete / masonry / asbestos cement sheet / plastered surfaces with flat wall paint of approved brand to give even shade after cleaning the surface of all dirt, dust and other foreign matter, and sand papering including cost of materials, labour, etc complete as per specifications and directions of engineer in charge of the work	Sqm	90.10	Rupees Ninety And Paise Ten Only
13	1548.82	Scarifying bituminous course 50mm to 75mm thick along with premix carpet / surface dressing by manual means without disturbing the base and stacking of the debris materials including cost of all labour charges etc complete as per specifications and directions of engineer in charge of the work	Sqm	95.40	Rupees Ninety Five And Paise Forty Only
14	387.21	Providing, laying, spreading and compacting crushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density etc complete as per specifications and directions of engineer in charge of the work	Cum	2001.28	Rupees Two Thousand One And Paise Twenty Eight Only
15	1548.82	Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / sqm using mechanical means etc complete as per specifications and directions of engineer in charge of the work	Sqm	29.68	Rupees Twenty Nine And Paise Sixty Eight Only
16	77.44	Providing and laying dense graded bituminous macadam using crushed aggregates of specified grading, premixed with VG30 grade bituminous binder and, transporting the hot mix to work site, laying to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications.. MORTH Specification No. 507 - using 40/60 TPH capacity H.M.P. with Mechanical paver Gr-II (50 mm to 75 mm) with 4.5 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work	Cum	6407.70	Rupees Six Thousand Four Hundred Seven And Paise Seventy Only
17	4425.20	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	5.30	Rupees Five And Paise Thirty Only

No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
18	4425.20	Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM of machineries etc complete as per specifications and directions of engineer in charge of the work	Sqm	12.72	Rupees Twelve And Paise Seventy Two Only
19	177.01	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using 40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 6 % VG-30 Bitumen etc complete as per specifications and directions of engineer in charge of the work	Cum	7355.34	Rupees Seven Thousand Three Hundred Fifty Five And Paise Thirty Four Only
20	193.25	Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface:- Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35. The finished surface to be level, uniform and free from streaks and holes etc complete as per specifications and directions of engineer in charge of the work	Sqm	454.74	Rupees Four Hundred Fifty Four And Paise Seventy Four Only


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Note:

- 1 Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered by the other rates and prices in the Bill of quantities (refer: ITB Clause 7.2 and CC Clause 33.2)
- 2 Unit rates and prices shall be quoted by the Tender in Indian rupees.
- 3 Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))
- 4 Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

(30) ರಲ್ಲಿ ಎವರಿಸುವಂತೆ ಅಂಶಗಳ ಬಗ್ಗೆ
 ನಾಲಕೆ ಅಭಿಮತಪಡೆ (BTP) ಕಡತ
 ಕಡತದಿ 0.0.ಎಸ್

ಈ ಕಡತದಿ
 ಉತ್ತರಿಸುವಂತೆ
 ಕಡತದಿಗಿ ಬಿಟ್ಟು ಸಂಖ್ಯೆ : @
 ರದ್ದುಗೊಳಿಸುವ ಬಿಟ್ಟು ಉತ್ತರಿಸುವ ಸಂಖ್ಯೆ :

